Attorney's Docket No. 038190/272377   PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re: Vasey-Glandon et al.   Group Art Unit: 2123
Appl. No.: 09/987,452   Confirmation No.: 6920
Filed: November 14, 2001
For: KNOWLEDGE DRIVEN COMPOSITE DESIGN
            OPTIMIZATION PROCESS AND SYSTEM THEREFOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY BY ASSIGNEE

Assignee hereby revokes all powers of attorney previously granted with respect to the above-identified patent application, and appoints the practitioners associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and directs that all correspondence be addressed to that Customer Number:

Customer Number 00826

with full power of substitution and revocation to transact all business in the Patent and Trademark Office in connection therewith.

Please direct telephone calls to the attention of:

Keith Roberson
Registration No. 52,171
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

Assignee hereby elects under 37 C.F.R. § 3.71 to prosecute this patent application and certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. The assignment was mailed for recording on November 14, 2001, with the original patent application. However, the recording information has not been received. A copy of the assignment is attached.

In re: Vasey-Glandon et al.
Appl. No.: 09/987,452
Filed: November 14, 2001
Page 2

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the Assignee.

MCDONNELL DOUGLAS CORPORATION

By: _____
Patricia A. Ford

Title: Assistant Secretary of McDonnell Douglas Corporation

Date: 12 Dec 2003

ATTACHMENT: (ASSIGNMENT AND COVER SHEET SENT
FOR RECORDING WITH ORIGINAL PATENT APPLICATION)

CUSTOMER NO. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000
Tel Charlotte Office (704) 444-1000
Fax Charlotte Office (704) 444-1111

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office to Fax No. (703) 872-9306 on the date shown below.

_____   12-29-03
                                                                    Date

CLT01/4623399v1

Docket No.: D-3988CIP

| FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp 5/31/2002)
PO8/REV03 | RECORDATION FORM COVER SHEET
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Virginia M. Vasey-Glandon Duane Kunkee	2. Name and address of receiving party(ies): Name: **MCDONNELL DOUGLAS CORPORATION** Internal Address: _____
Additional names(s) of conveying party(ies) ☐ Yes ☒ No	

3. Nature of conveyance:	
☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other _____ Execution Date: May 24, 2002	Street Address: **P. O. BOX 516** City: **ST. LOUIS** State: **MO** ZIP: **63166** Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/987,452	B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

| 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **Raymond H. J. Powell, Jr.**

Internal Address: _____

Street Address: **WESTERLUND · POWELL, P.C.**

100 Daingerfield Rd., Suite 100

City: **Alexandria** State: **VA** ZIP: **22314** | 6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41):.................\$ **40.00**

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond H. J. Powell, Jr.		May 30, 2002
Name of Person Signing	Signature	Date

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. D-3988CII

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☒ *United States Patent Application Serial No.* 09/987,452

   Date of Execution: _____   *Date of Filing:* November 14, 2001

☒ *United States Provisional Patent Application Serial No.* 60/248,214

☐ *United States Patent No(s).* _____

☐ *International (PCT) Patent Application Serial No.* _____

☐ *Other (specify)* _____

Title of the Invention

KNOWLEDGE DRIVEN COMPOSITE DESIGN OPTIMIZATION PROCESS AND SYSTEM THEREFOR

Inventors (assignors)

Name	Address
Virginia M. Vasey-Glandon	38 Miralcair Drive, Florissant, MO, 63031, USA
Duane Kunkee	3896 Delmonico Drive, Florissant, MO, 63034, USA

Assignee

Name	Address
MCDONNELL DOUGLAS CORPORATION	P.O. Box 516 St. Louis, Missouri, U.S.A. 63166-0516

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. D-3988CIP

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention"):

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this Indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Virginia M. Vasey-Glandon	*Virginia M. Vasey-Glandon* 24.Nov03
Duane Kunkee	

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. D-3988CIP

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

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And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Virginia M. Vasey-Glandon	
Duane Kunkee	*Duane Kunkee* 5/23/02

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DATE: December 29, 2003

TO: United States Patent and Trademark Office

FROM: Kay Costanza, Administrative Patent Paralegal

Official Entry for Application No. 09/987,452

Revocation and New Power of Attorney Document

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